



countdown

June 30, 2009

Vol. 14, No. 49

STS-127 launch depends on tanking test



◆ Shuttle Update:

The hydrogen gas vent line has been reconnected to space shuttle

Endeavour. Preparations for Wednesday's tanking test have begun. If successful, launch of the STS-127 mission is targeted for July 11.

Tile inspections continue on space shuttle **Discovery**. Engine heat shield installation is complete and carrier panel installation is under way. The payload bay doors have been closed for rollover targeted for July 14.



◆ **ELV Update:** Three ELV launches remain in 2009: The STSS Demonstrators Program on Sept. 15; the Solar Dynamics

Observatory, or SDO, no earlier than Oct. 14; and the Wide-field Infrared Survey Explorer, or WISE, no earlier than Nov. 1.

STSS is a midcourse tracking technology demonstrator that is part of an evolving ballistic missile defense system. It is capable of tracking objects after boost phase and will provide trajectory information to other sensors and interceptors. STSS will be launched by NASA for the Missile Defense Agency.

SDO will study the solar atmosphere on small scales of space and time and in many wavelengths simultaneously to further understanding of the sun's influence on Earth and near-Earth space.

WISE will map the sky in infrared light, searching for the nearest and coolest stars, the origins of stellar and planetary systems, and the most luminous

galaxies in the universe.

■ **National Employee Health & Fitness Day 2009** — On Wednesday, the KSC Fitness Centers will host their annual National Employee Health and Fitness Day in the O&C Mission Briefing Room from 10 a.m. to 2 p.m.

This event is held each year to educate spaceport employees in the areas of physical fitness, disease management and prevention, rehabilitation, longevity, personal hygiene, adapted physical activity, stress management, athletics and nutrition. Because, in most cases, education is the stimulus for action, the KSC Fitness Centers' goal is to aid in establishing a healthier and more productive work environment by increasing the physical, emotional and mental health of all employees.

To assist with the goal, vendors from across Brevard and Orange counties will be in attendance showcasing their services, distributing informational materials and raffling prizes.

■ **RehabWorks Presentation** — Sara Sullivan from Liberty University will present "MRSA: The Super Bug, Know the Facts" on Thursday from 10 to 11 a.m. in the Fitness Center's Aerobics Room in the O&C. For more information, please contact Erik Nason at 867-7497 or Erik.T.Nason@nasa.gov.

■ **IT Tips, Tricks & How-To's** — ODIN, along with the NASA End User Services Office, offers "IT Tips, Tricks & How-To's," designed to help users with various applications at KSC.

Sometimes a large and unexpected source of wasted space in your PST file

Studying sun, mapping sky will close 2009 ELV launches

or Exchange mailbox comes from all the attachments residing in the calendar folder. Word and PowerPoint documents attached to meeting reminders all add up very quickly. Frequently, the documents remain there forever, taking up the space years after they have become out-of-date. ODIN recommends archiving these items or deleting unnecessary ones to free up additional space in for your e-mail.

To learn more, go to:

<https://www.odin.lmit.com/ksc/docs/CleaningMailboxOffice2007.pdf>.

For more e-mail tips, check out the KSC ODIN Web site at:

<https://www.odin.lmit.com/ksc/emailgmtips.html>.

■ **EAP July Lunch And Learn** — The July Lunch and Learn topic is "Adapting Well in the Face of Adversity," to be held in the OHF Library on July 7 at noon. Enjoy your lunch while learning new skills. No reservations are required.



■ Haulover Canal Bridge Closure

Scheduled work

tomorrow at the Haulover Canal Bridge will require single-lane traffic flow each way from 8:30 a.m. to 2 p.m.

Countdown is published every Tuesday & Thursday for NASA KSC employees. Deadlines are 9 a.m. Mondays & Wednesdays. E-mail news to anita.l.barret@nasa.gov. For questions or information, e-mail or call 867-2815. You can also find PDF editions of *Countdown* on the Web at: http://www.nasa.gov/centers/kennedy/news/countdown/countdown_toc.html.